Bureau of Land Management



Amarillo Field Office Helium Operations

Statistical Report for May - 2000





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Fluid Minerals Group Manager, Washington Office

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- -Federal Leased Lands
- -Gas Analysis
- -Resources Evaluation
- -Natural Gas Engineering

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Amarillo, Texas

Issued: September 27, 2000

* Revised *

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Approved for distribution: Nelson R. Bullard /s/
Date: 09/27/2000

Table 1 - Summary of Helium Operations

May - 2000

In Kind Sales	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**	
Total month	0	0	0	0	0	0	0	0		\$0
Total FYTD	74,550	1,281	0	18,404	21,737	7,915	123,887	121,970	\$6,008,6	
Total CYTD	41,896	821	0	7,765	10,572	4,081	65,135	64,126	\$3,174,30	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							63,597	178,371	121,441	423,959
Volume outstanding							529			

		Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
	Helium-Gas	Helium		Low Purity Helium Helium		Belo	w 50%	Contained		
Purchased Helium	Mixture	Percent	Helium			Helium		Helium		
Total purchased										32,176,145
Purchased helium produced / transferred			63,597					178,371	121,441	2,409,299
Balance of purchased helium in storage										29,766,846
Private Plant Activity										
Accepted in storage system	102,627	69.83%	71,668	1,548	14,718	(173)	(1,773)	637,183	400,797	5,649,338
Redelivered from storage system	n (240,191)	69.38%	(166,641)	0	0	0	1,593	(974,833)	(646,644)	(4,725,037)
Total apparent crude produced/	243,699	70.86%	172,680					1,509,614	928,761	NA
Total apparent crude refined^	(332,545)	70.12%	(233,178)					(1,548,580)	(990,338)	NA

			Metered Ga	IS		Transfe	erred Gas	Stored	Stored Charges Billed		
	Gross Gas	Helium	n Helium			Н	elium	Helium	Dollars**		
Storage Contract Activity	Mon	ıth	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
Crude Acquired	102,191	71,495	635,410	400,216	23,029,595	152,006	22,725,869				
Crude Disposed	240,178	166,641	973,240	646,615	16,551,298	88,409	22,301,641				
Grade-A Rdlvrd	0	0	0	0	1,427,554	0	0				
Net/Balance	(137,987)	(95,146)	(337,830)	(246,399)	5,050,743	63,597	424,228	4,781,125	\$212,135	\$1,431,164	

Bush Dome Reservoir Operations	Mon	Month		Fiscal Year		art of n Program	Since Field Discovery	
Conservation gases from all sources	Gross	Net	Gross	Net	Gross	Net	Gross	Net
In underground storage, beg. of period	47,927,603	34,588,597	48,270,503	34,836,504	490,620	490,620	0	0
Net Activity	(130,450)	(94,574)	(473,350)	(342,481)	47,306,533	34,003,403	47,797,153	34,494,023
Total in underground storage	47,797,153	34,494,023	47,797,153	34,494,023	47,797,153	34,494,023	47,797,153	34,494,023
Native Gas								
Total in place, beg. of period	209,022,742		209,039,114		265,724,755		318,727,000	
Net Activity	(5,232)							
Total in place, end of month	209,017,510							
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	256,950,345		257,309,617		266,215,375		318,727,000	
Net Activity	(135,682)		(494,954)		(9,400,712)		(61,912,337)	
Total gases in place, end of month	256,814,663		256,814,663		256,814,663		256,814,663	

Helium Resources Evaluation	Month		FYTD			
Revenue Collected from Federal Lease Holds			\$322,730		\$2,551,815	
Helium Sample Collection Report	Submitted	1	Received	0	Analyzed	181
Customer Comment Cards Mailed		—	Month	0	FYTD	17

Table 5 - Pipeline & Cliffside Field Operations All Volumes in Mcf at 14.65 psia & 60°F

May - 2000

	1	2	3	4	5	6	7	8
						tart of	Since	
	Mor	ıth	Fiscal Year		Conservatio	n Program	Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	21,113	14,779	18,919	13,243	0	0		
Measured to pipeline (2)	238,309	166,336	1,401,990	981,484	100,909,296	72,288,841		
Measured from pipeline (3)	240,191	166,642	1,402,692	974,841	35,174,954	25,307,679		
Measured into Bush Dome (4)	0	0	2,152	1,512	64,353,584	46,235,012		
Calculated inventory (1+2-3-4)	19,231	14,473	16,065	18,374	1,380,758	746,150		
End of period inventory	19,913	13,939	19,913	13,939	19,913	13,939		
Line gain or (loss)	682	(534)	3,848	(4,435)	(1,360,845)	(732,211)		
Percent gain (loss) of total measured	0.143%	-0.160%	0.137%	-0.227%	-0.679%	-0.509%		
Bush Dome Reservoir Operation	ons							
Conservation gases from all sources								
In underground storage, beg. of period	47,927,603	34,588,597	48,270,503	34,836,504	490,620	490,620	0	0
Injected during period to date	0	0	2,152	1,512	64,353,855	46,234,973	64,961,755	46,842,873
Withdrawn during period to date	130,450	94,574	475,502	343,993	17,093,471	12,277,719	17,210,751	12,394,999
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	47,797,153	34,494,023	47,797,153	34,494,023	47,797,153	34,494,023	47,797,153	34,494,023
Native Gas								
Total in place, beg. of period	209,022,742		209,039,114		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,971,742		199,988,114		256,673,755		309,676,000	
Production during period to date	5,232		21,604		56,707,245		109,709,490	
Total in place, end of month	209,017,510		209,017,510		209,017,510		209,017,510	
Recoverable in place, end of month	199,966,510		199,966,510		199,966,510		199,966,510	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	256,950,345		257,309,617		266,215,375		318,727,000	
Total gases in place, end of month	256,814,663		256,814,663		256,814,663		256,814,663	
Change during period	(135,682)		(494,954)		(9,400,712)		(61,912,337)	
						_		
Ave. reservoir pressure, beg. of period	674.7		675.8		685.0		814.1	
Tuck Trigg Reservoir Operation	ons							
Native Gas	_							
Total in place, beg. of period	5,231,108		5,233,991			Γ	5,890,000	
Recoverable in place, beg. of period	4,561,108		4,563,991				5,220,000	
Production during period to date	0		2,883				658,892	
Total in place, end of month	5,231,108		5,231,108				5,231,108	
Recoverable in place, end of month	4,561,108		4,561,108				4,561,108	
A.	100 =	Г			•	-	= 10 =	
Ave. reservoir pressure, beg. of period	486.7		487.0			L	548.0	